Directory for Referring Veterinarians
Farm Animal Emergency, Specialty, and General Care

For more information, view this directory online at www.vet.cornell.edu/hospital/
The Cornell University Hospital for Animals provides leadership in patient care, education, clinical investigation, and scientific innovation.

Overview

Part of the nation’s top-ranked veterinary college, Cornell’s teaching hospitals are home to a talented and dedicated group of experts who cover the field of veterinary medicine passionately and compassionately. We demand the very best from all who participate in the process of caring for your clients’ animals, who challenge and support Cornell students working toward their doctor of veterinary medicine degree, and who engage in clinical investigations that will help us satisfy the unmet medical needs of your patients.

The Cornell University Hospital for Animals comprises the Companion Animal Hospital, Equine Hospital, Farm Animal Hospital, Janet L. Swanson Wildlife Health Center, Ambulatory Production Medicine Service (all on the Ithaca campus), Cornell University Veterinary Specialists (Stamford, CT), and Cornell Ruffian Equine Specialists (Elmont, NY). In addition the Animal Health Diagnostic Center, which includes functions of the New York State Veterinary Diagnostic Laboratory, is within close vicinity of our Ithaca based hospitals, allowing us to diagnose and begin treatment sooner. A team of more than 80 board-certified veterinarians in specialties ranging from anesthesiology to zoological medicine and more than 75 licensed veterinary technicians collaborate with each other, referring veterinarians, and clients to heal patients, treating all with respect and understanding. Our patient roster includes over 18,000 dogs, cats, birds, and exotic animals and 3,000 large animals annually. Every referral experience presents new opportunities for learning, developing improved treatment options, fueling scientific investigations to promote animal and human health, and advancing the veterinary profession.
ANESTHESIOLOGY

The Section of Anesthesiology at Cornell’s Farm Animal Hospital comprises board-certified anesthesiologists, residents-in-training, and experienced technicians, dedicated exclusively to providing the highest quality of anesthesia to farm animals referred to our hospitals. Our section provides sedation, general anesthesia, regional anesthesia, and acute pain management for approximately 200 farm animal patients requiring surgical or diagnostic procedures every year. Because a large percentage of our caseload is composed of high-risk patients, we are equipped and trained to deliver the most advanced anesthetic techniques available. We provide general anesthesia for emergency procedures after hours, during weekends, and on holidays.

Advanced Techniques

➢ Sedation and general anesthesia for high-risk patients and special procedures
➢ Ultrasound-guided and nerve stimulation-guided locoregional anesthesia
➢ Procedural sedation (combined with locoregional anesthesia) for standing procedures
➢ Advanced monitoring: arterial blood pressure, central venous pressure, cardiac output, capnography, and arterial blood gases
➢ Epidural anesthesia (single injection, epidural catheter)
➢ Blood component therapy
➢ Management of difficult airway including fiberoptic intubation
➢ Mechanical ventilation (volume/pressure control ventilation, pressure support)
➢ Consultation services (Call 607-253-3100)

FACULTY

Jordyn M. Boesch, DVM, Diplomate ACVAA
Luis Campoy, LV, CVA, Diplomate ECVAA, MRCVS
Robin D. Gleded, BVSc, MRCVS, DACVA, DVA, Diplomate ECVAA, MRCVA
Manuel Martin-Flores, MV, Diplomate ACVAA
Daniel Sakai, MV, Anesthesia Instructor

VET TECHS

Lynette DeGouff, LVT, VTS (Anesthesia) - Team Leader
Ann Townsend-Pors, LVT

VET ASSISTANT

Leigh Ann Rankin-Hughey, BS, MS

EMERGENCY & CRITICAL CARE

Cornell University Farm Animal Emergency and Critical Care Service provides initial stabilization and treatment of emergency problems in all large animal species 24/7. Our team includes experienced board-certified veterinary specialists, dedicated residents, and highly skilled veterinary technicians and staff. Our emergency team is well prepared to handle all types of soft tissue, orthopedic, and reproductive problems in large animals, and we work together to deliver the highest possible standard of veterinary care to your patient. Our faculty excels in managing patients requiring major surgery, illness, or trauma as well as those patients needing other specialized care. These patients are hospitalized in a well-equipped intensive care unit, and their care is augmented by our ability to consult with a variety of onsite clinicians representing nearly all veterinary specialties.

This combination of excellent facilities, service-specific expertise, and access to leading minds in all specialties allows us to provide a level of critical care not available in any other veterinary hospital in the region. Internal medicine emergencies are seen by medicine specialists; See page (8) for more information on this service.

Advanced Techniques

➢ Gastrointestinal surgery, including management of intestinal strangulation, displacement, impaction, and other types of colic
➢ Wound repair and management, including wounds involving synovial structures (i.e. joints, tendon sheaths, bursa) and tendons
➢ Musculoskeletal problems including trauma, fractures, infection, and laminitis

FACULTY

Dorothy Ainsworth, DVM, PhD, Diplomate ACVIM
Jon Cheetham, Vet MB, PhD, Diplomate ACVS
Michelle Deko, DVM, Diplomate ACVS
Thomas Divers, DVM, Diplomate ACVIM
Julia Felippe, DVM, MS, PhD, Diplomate ACVIM
Kathleen R. Mullen, DVM, MS, Diplomate ACVIM - Instructor of Medicine
Sally Ness, DVM, Diplomate ACVIM
Gillian Perkins, DVM, Diplomate ACVIM

EMERGENCY REFERRALS:
607-253-3100 AND PRESS 1
Advanced Techniques (cont’d)

- Fracture repair of all types including long bones, the skull, and spine
- Reproductive emergencies including dystocia, cesarean section, and fetotomy
- Colitis, enteritis, and other intestinal diseases
- Pneumonia, pleuropneumonia, and other thoracic or abdominal disease
- Shock treatment secondary to severe disease, endotoxemia, hemorrhage, and fluid loss
- Management of calf diseases including sepsis, failure of passive transfer, abdominal problems, and wounds
- Ophthalmology emergencies such as corneal or eyelid laceration, corneal ulceration, glaucoma, uveitis, other trauma, and rupture
- Cardiovascular problems including arrhythmias, heart murmurs, and heart failure
- Management of toxin ingestion or exposure such as toxic plants

Advanced Techniques

- Intranasal oxygen therapy
- Placement of multi-lumen intravenous catheters
- Invasive/non-invasive blood pressure monitoring
- Central venous pressure
- Pulse oximetry
- Electrocardiogram
- End tidal CO2
- Point-of-care lab capabilities, including blood gas analysis, chemistries, prothrombin time, activated partial thromboplastin time, colloid osmotic pressure, troponin, and ketone and lactate levels
- Whole blood or plasma blood component transfusions
- Parenteral nutrition
- Continuous rate infusions
- Fluid therapies, including colloids and crystalloids
- High level of compassionate nursing care
- Physical rehabilitation, including ice, heat therapies, and passive range of motion

EMERGENCY & CRITICAL CARE (cont’d)

ADULT LARGE ANIMAL AND NEONATAL INTENSIVE CARE UNITS

The ICU is supervised by the large animal Internal Medicine faculty and residents and staffed 24/7 with licensed veterinary technicians, animal attendants, and veterinary students. Our goal is to provide the best patient care possible and we are able to achieve this goal due to our team’s technical and critical thinking skills. Our large animal Internal Medicine and Emergency faculty work directly with the residents and staff to provide the best care possible for your sick, ill, or injured animal.

CONTACT
607-253-3100
The Section of Veterinary Imaging plays an integral role in the management of a patient’s diagnosis, determining extent of disease and disease progression through the use of imaging modalities. Our imaging faculty and residents consult with our large animal medicine and surgery specialists to provide state-of-the-art diagnostic and treatment plans for your patient. Much of our equipment is redesigned to accommodate large animal patients, including a 16 slice CT, 1.5 T MRI in the Janet L. Swanson Imaging Suite, powerful x-ray units, digital radiography, nuclear medicine equipment, and multiple ultrasound units. All images are stored on Carestream PACS for distribution over the Internet. We provide image interpretation for all hospital cases and consultation to referring veterinarians (digital and mail-in film).

Advanced Techniques

➢ Diagnostic imaging using multiple modalities, including fluoroscopy examinations and interventional procedures for hospital in-patients
➢ Digital image transfer (teleradiology); please call for more information

Services for Referring Veterinarians

➢ Consultation on imaging techniques, equipment and procedures; please call for more information
➢ Interpretation and consultation service – 607-253-3241
➢ Film interpretation – mail or package delivery service
  • Radiology Interpretation Service, c/o CUHA, Box 36, Cornell University, Ithaca, NY 14853

EQUIPMENT

Digital radiography
(Agfa DX-G CR)
(Sound-Eklin Mark 1114cw DR)

Ultrasound
(Philips IU-22 and ATL-5000)

CT scanning
(Toshiba Aquilion LB 16-slice)

Nuclear medicine
(Alfa Nuclear)

MRI
(Toshiba Vantage Atlas 1.5 Tesla)

Digital fluoroscopy
(Philips R/F and Ziehm C-arm)

FACULTY

Peter Scrivani,
DVM, Diplomate ACVR

Margret Thompson,
DVM, Diplomate ACVR - Section Chief

Ruth Van Hatten,
DVM, Instructor – Section of Imaging

Amy Yeager,
DVM, Diplomate ACVR

VET TECHS

Barbara Catlin, RT - Section Supervisor

Molly Copeland, LVT

Mike Haner, RT

Jeffrey Hobbs, LVT

Renea McNeill, LVT

Patricia Reynolds, LVT

Brittany Warner, RT

IMAGING

IMAGING (cont’d)
The Farm Animal Internal Medicine Service diagnoses and provides treatment for a wide range of life-threatening health conditions including renal, metabolic, respiratory, and liver disorders.

**Advanced Techniques**
- Herd outbreak investigations such as calf scours
- Neurologic evaluations and CSF aspirates
- Infectious diseases – diagnosis and treatments
- Metabolic and endocrine diseases
- Toxicology
- Neonatology and ventilation therapy
- Serial ultrasound evaluation
- Bone marrow aspiration or core biopsy
- Bronchoscopy
- Cystoscopy
- Feeding tube placement
- Needle and core biopsy collection with ultrasound-guidance
- Miscellaneous medical procedures and therapies as needed
- Diagnosis and management of disorders that cause recumbency and floatation therapy (see picture below)

**Faculty**
- Dorothy Ainsworth, DVM, PhD, Diplomate ACVIM
- Thomas Divers, DVM, Diplomate ACVIM - Section Chief
- Julia Follipe, DVM, MS, PhD, Diplomate ACVIM
- Kathleen R. Mullen, DVM, MS, Diplomate ACVIM - Instructor of Medicine
- Sally Ness, DVM, Diplomate ACVIM
- Gillian Perkins, DVM, Diplomate ACVIM

**VET TECHS**
- Kalli Anderson, LVT
- Rose Bush, LVT

**VET ASSISTANT**
- Cheryl Prince-Brotherton, Veterinary Assistant

**APPOINTMENT TIMES**
Scheduled medicine appointments are seen daily (Monday-Friday) and generally after 10AM. Same day appointments are often available depending upon complexity of the problem. Emergency cases will be seen immediately and at any time of the day, seven days a week.

**CONTACT**
607-253-3100
The Orthopedics Service at Cornell’s Farm Animal Hospital is recognized as a leader in the treatment of musculoskeletal conditions in farm animals. We utilize advanced diagnostic techniques, including digital radiography, fluoroscopy, scintigraphy, MRI, and CT. The group expertly handles postoperative rehabilitation and works with licensed veterinary technicians to help get your patient back to its best possible function.

All referral orthopedic surgeries are done by the faculty surgeons with the assistance of the surgical residents. Veterinary students observe referral surgeries, participate in postoperative care of the patients, and provide communications with referral clients.

Advanced Techniques
- Lameness diagnosis
- Fracture repair
- Wound management involving joints and tendon sheaths
- Arthroscopic joint surgery
- Minimally invasive fracture surgery with use of c-arm
- Ligament and tendon reconstruction
- Angular limb deformity correction

CONTACT
607-253-3100

ORTHOPEDIC SURGERY

FACULTY
Jon Cheetham, Vet MB, PhD, Diplomate ACVS
Norm G. Ducharme, DVM, MSc, Diplomate ACVS
Lisa A. Fortier, DVM, PhD, Diplomate ACVS
Alan Nixon, DVM, BVSc, MS, Diplomate ACVS

VET TECH
Marjorie Vail, LVT

OR VET TECHS
Sarah Bouton, LVT
Judy Sobczak, LVT
Katie Stevens, LVT
Cheryl Prince-Brotherton, Veterinary Assistant

SOFT TISSUE SURGERY

The farm animal Soft Tissue surgery service provides outstanding surgical care for farm animals with a wide range of medical conditions. Our board-certified surgeons have decades of surgical experience and use the most advanced techniques available. They are assisted by skilled surgical residents and veterinary technicians.

The farm animal general surgery service provides both elective and emergency care. Diagnostic capabilities include high resolution radiology, CT and MRI scanning and endoscopy. Procedures are performed in state-of-the-art surgery suites fully equipped with equipment for both traditional and open surgery and for laparoscopic procedures. We work as part of a team with a broad range of specialists to ensure our patients receive the most comprehensive care possible 24 hours a day.

Farm Animal General Surgery
Common Procedures
- Cattle
  - Abdominal surgery including surgery for abomasal displacement or volvulus, cecal disease, hardware disease (rumenotomy) and atresia coli in calves
  - Urogenital surgery including Cesarean section, repair of calving injuries, castration and treatment of disorders of the penis and prepuce
  - Surgical treatment of umbilical hernia and navel infection
  - Wound management and reconstructive surgery
  - Respiratory surgery
- Sheep and goats
  - General surgical treatment of abdominal, urogenital systems and integument (skin)
  - Cesarean section
  - Management of urolithiasis (blocked sheep or goat)
  - Dehorning
- Swine
  - Spay of females, neuter of males
  - General abdominal surgery
  - Hernia repair
  - Dentistry
  - Hoof trimming

CONTACT
607-253-3100

FACULTY
Susan Fubini, DVM, Diplomate ACVS
Richard Hackett, DVM, MS, Diplomate ACVS, Section Chief

VET TECH
Meghan Pashow, LVT

APPOINTMENT TIMES
The Soft Tissue Surgery Service normally schedules appointments on Monday, Tuesday and Thursday. Wednesday and Friday are surgical days. Patients scheduled for outpatient surgery are presented on the day of their surgery, normally either Wednesday or Friday.

CONTACT
607-253-3100

APPOINTMENT TIMES
The Soft Tissue Surgery Service normally schedules appointments on Monday, Tuesday and Thursday. Wednesday and Friday are surgical days. Patients scheduled for outpatient surgery are presented on the day of their surgery, normally either Wednesday or Friday.

CONTACT
607-253-3100
The Theriogenology Service at the Cornell University Farm Animal Hospital provides reproductive medicine services for farm animals including breeding management, a wide range of assisted reproductive techniques, semen freezing, and supervision of high-risk pregnancies, as well as medical and surgical treatment for conditions related to the reproductive system. Our staff includes two board-certified veterinarians who collaborate with other veterinarians across the Northeast.

We offer the latest diagnostic, treatment, and reproductive medicine techniques, and we provide emergency services and hospitalization in a state-of-the-art facility. Our experienced staff provides nursing care 24 hours a day.

**Advanced Techniques**
- Infertility diagnosis
- Embryo transfer
- Transvaginal oocyte recovery
- In vitro fertilization
- Semen cryopreservation
- Laparoscopic insemination
- In vitro embryo production

**SPECIALTY CONSULTING SERVICES**

**Cardiology**
The Cardiology service offers current diagnostic and treatment modalities for farm animal patients utilizing diagnostic technology such as echocardiography, electrocardiography, Holter monitoring, and radiography. The board-certified cardiologist and residents constantly strive to offer the most recent treatment advances available.

**Medical Genetics**
Genetic specialists provide information about inherited diseases, how they are passed from generation to generation, and the related health implications.

**Neurology**
Our board certified veterinary neurologists and neurosurgeons are dedicated to diagnosing, treating, and rehabilitating all categories of disease involving the central and peripheral nervous system.

*Farm Animal patients with neurologic conditions are managed by the Internal Medicine service.*
Nutrition

Quality nutrition is a valuable component of the health care of farm animals. Our nutrition service can help in many ways, including comprehensive nutritional consults, total and partial parenteral nutrition formulation, consultation for feeding ill animals and homemade diet formulation tailored to ameliorate progression or prevention of disease.

Oncology

Oncologists offer a wide range of advanced diagnostic techniques we provide comprehensive medical, radiation, and surgical cancer treatments.
Companion Animal Hospital
Referring DVM Hotline................................................................. 607-253-3003
Fax.............................................................................................. 607-253-3788
Main Number............................................................................. 607-253-3060
24-hour Emergency Line.......................................................... 607-253-3060
Appointments.......................................................................... 607-253-3060
Dentistry appointments to schedule directly........................... 607-253-3820
Discharge.................................................................................. 607-253-3585

Equine and Farm Animal Hospital
Main Number............................................................................. 607-253-3100
24-hour Emergency Line.......................................................... 607-253-3100
Appointments.......................................................................... 607-253-3100
Fax.............................................................................................. 607-253-3787

Ambulatory & Production Animal Medicine
Main Number............................................................................. 607-253-3140
Fax.............................................................................................. 607-253-3282

Diagnostic Services
Imaging Service.......................................................................... 607-253-3241
Diagnostic Laboratory............................................................... 607-253-3900
Clinical Pathology Laboratory.................................................... 607-253-3255

Business Office......................................................................... 607-253-3218
Farrier Services......................................................................... 607-253-3127
Feline Health Center................................................................. 607-253-3414
Pet Loss Support Hotline.......................................................... 607-253-3932
Pharmacy.................................................................................. 607-253-3231
Janet L. Swanson Wildlife Health Center................................. 607-253-3060
General Email........................................................................... vet-hosp@cornell.edu
Website..................................................................................... www.vet.cornell.edu/hospital

General Correspondence:
Cornell University Hospital for Animals
Box 20
Ithaca, NY 14853

Cornell University Veterinary Specialists (Stamford, Connecticut).................................................... 203-595-2777
Cornell Ruffian Equine Specialists (Elmont, New York)........................................................................ 516-488-4510